# Contents Volume 72 1993/1994

## No. 1

**Regular Papers**
De Crook Th.: Probabilistic seismic hazard assessment for The Netherlands 1
Middelburg J.J.: Turbidites provide a unique opportunity to study diagenetic processes 15
Ten Hove H.A. & Van den Hurk P.: A review of recent and fossil serpulid 'reefs'; actuopalaeontology and the 'Upper Malm' serpulid limestones in NW Germany 23
Sprenger A. & Ten Kate W.G.: Cross-spectral analysis of two late Berriasian rhythmic limestone-marl successions in SE Spain en SE France favours orbital control 69
**Book reviews**
Thomas L. *Handbook of practical coal geology* **by** H.E. Rondeel 85
Smith A. & Midder T. *The chemistry and treatment of cyanidation wastes* **by** A.H. van der Veen 85
Katz B.J. (ed.) *Lacustrine basin exploration – case studies and modern analogs* **by** S. de Silva 86
Anadon P., Cabrera L. & Kelts K. (eds) *Lacustrine facies analysis* **by** C. Hoorn 87
Teichmüller M. *Rekonstruktionen verschiedener Moortypen des Hauptflözes der niederrheinischen Braunkohle* **by** M. Pingen 88
Sweet W.C., Yang Zunyi, Dickins J.M. & Yin Hongfu (eds) *Permo-Triassic events in the western Tethys – Stratigraphy, classification and relations with the western Tethys* **by** H. Visscher 90
Bull W.B.: *Geomorphic responses to climatic change* **by** J. Vandenberghe 91
Mintzer I.M. (ed.) *Confronting climate change, risks, implications and responses* **by** A.G.C.A. Meesters 93
Hambrey M.J. & Alean J. *Glaciers* **by** J.J.M. van der Meer 94
Briggs D.E.G. & Crowther P.R. *Palaeobiology, a synthesis* **by** G.J. Boekschoten 95
**Instructions to authors** 97

## No. 2

Special Issue
**Periglacial Environments in relation to Climatic Change**

Vandenberghe J. and Schwan J.: Introduction 101
Vandenberghe J.: Recent results of Pleistocene periglacial research in the Netherlands 103
Kasse C.: Periglacial environments and climatic development during the Early Pleistocene Tiglian stage (Beerse Glacial) in northern Belgium 107
Gullentops F., Janssen J. & Paulissen E.: Saalian nivation activity in the Bosbeek valley, NE Belgium 125
Krzyszkowski D., Balwierz Z. & Pyszyński W.: Aspects of Weichselian Middle Pleniglacial stratigraphy and vegetation in central Poland 131
Kozarski S.: Late Plenivistulian deglaciation and the expansion of the periglacial zone in NW Poland 143
Kolstrup E.: Periglacial environmental developments between 30 and 20 ka BP in Denmark 159
Manikowska B.: Mineralogy and abrasion of sand grains due to Vistulian (Late Pleistocene) aeolian processes in central Poland 167
Veldkamp A. & Kroonenberg S.B.: Late Quaternary chronology of the Allier terrace sediments (Massif Central, France) 179
Bohncke S., Vandenberghe J. & Huijzer A.S.: Periglacial environments during the Weichselian Late Glacial in the Maas valley, the Netherlands 193
Van Vliet-Lanoë B., Seppälä M. & Käyhkö J.: Dune dynamics and cryoturbation features controlled by Holocene water level change, Hietatievat, Finnish Lapland 211
Hus J.J., Paepe R. & Geeraerts R.: The influence of periglacial activity on the remanent magnetization of sediments 225

## No. 3

**Regular Papers**
Veldkamp A. & Van Dijke J.J.: Modelling of potential effects of long-term fluvial dynamics on possible geological storage facilities of nuclear waste in the Netherlands 237
Törnqvist T.E., Weerts H.J.T & Berendsen H.J.A.: Definition of two new members in the upper Kreftenheye and Twente Formations (Quaternary, the Netherlands): a final solution to persistent confusion? 251

Alsharhan A.S. & Nairn A.E.M.: Geology and hydrocarbon habitat in the Arabian Basin: the Mesozoic of the State of Qatar 265
Liesa M.: Relations of Hercynian metamorphism with magmatism and deformation in the Eastern Pyrenees. Implications for Hercynian evolution 295
Sintubin M.: Structural and paleogeographic inferences from a texture analysis of Ordovician and Silurian pelites of the Wépion borehole (Ardennes, Belgium) 305
**Book reviews**
Wright V.P. (ed.) *Sedimentology Review 1* **by** T.J.A. Reijers 311
Emiliani C. *Planet Earth: Cosmology, geology and the evolution of life and environment* **by** W. Sissingh 312
de Wit M.J. & Ransome I.G.D. (eds.) *Inversion tectonics of the Cape fold belt, Karoo and Cretaceous basins of Southern Africa* **by** A.C. Lankreijer 313
Goldring R. *Fossils in the Field* **by** G.J. Boekschoten 314
Hardman R.F.D. (ed.) *Exploration Britain: Geological insights for the next decade* **by** W. Sissingh 314
Menzies M.A. (ed.) *Continental Mantle* **by** H. Helmers 315
**Society Affairs** 317

**No. 4**

**Regular Papers**
Ruegg G.H.J.: Alluvial architecture of the Quaternary Rhine-Meuse river system in the Netherlands 321
Krook L. & Schwan J.: Sediment-petrologic characteristics of Saalian and Weichselian deposits in the Hümmling region, NW Germany 331
Salomonsen I.: A seismic stratigraphic analysis of Lower Pleistocene deposits in the western Danish sector of the North Sea 349
Assorgia A. & Gimeno D.: Coeval genesis of pillow lava on the sea floor and under a thin cover of unlithified sediments (and associated formation of peperites) 363
Herngreen G.F.W., Hartkopf-Fröder C. & Ruegg G.H.J.: Age and depositional environment of the Kuhfeld Beds (Lower Cretaceous) in the Alstätte Embayment (W Germany, E Netherlands) 375
**Book reviews**
Lipps J.H. (ed.) *Fossil Prokaryotes and Protists* **by** G.J. Boekschoten 393
Lumsden G.I. (ed.) *Geology and the environment in Western Europe* **by** M.A. Zakrzewski 393
Halbouty M.T. (ed.) *Giant oil and gas fields on the decade 1978–1988* **by** T.J.A. Reijers 394
**Author Index Volume 72** 397
**Contents Volume 72** 399